

INTERNATIONAL SEARCH REPORT

 International application No.
PCT/US01/24500

A. CLASSIFICATION OF SUBJECT MATTER IPC(y) : 006F 17/00 US CL : 705/26, 27, 28 According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) U.S. : 705/26, 27, 28 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) Please See Extra Sheet.		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5,859,414 A (GRIMES et al.) 12 January 1999, see column 2, lines 39-47; column 3, lines 21-33 and 60-67; column 10, line 54, through column 8, line 7; Figures 7 and 8a.	1-22
A	US 5,250,789 A (JOHNSEN) 05 October 1993, see column 4, line 52, through column 5, line 5.	1-22
A	US 5,758,328 A (GIOVANNOLI) 26 May 1998, see Abstract.	8, 17-22
A	US 5,596,493 A (TONE et al.) 21 January 1997 see Abstract.	16
A	US 5,848,399 A (BURKE) 08 December 1998 see Abstract.	1-22
<input checked="" type="checkbox"/> Further documents are listed in the continuation of Box C. <input type="checkbox"/> See patent family annex.		
* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art "G" document member of the same patent family	
Date of the actual completion of the international search 05 NOVEMBER 2001		Date of mailing of the international search report 14 DEC 2001
Name and mailing address of the ISA/US Commissioner of Patents and Trademarks Box PCT Washington, D.C. 20231 Facsimile No. (703) 805-8850		Authorized officer NICHOLAS ROSEN Telephone No. (703) 805-0753

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PCT/US01/24590

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y,P	US 6,123,259 A (OGASAWARA) 26 September 2000, see column 2, line 8, through column 3, line 63; Figure 6.	1, 7, 10, 15
Y,P	US 6,179,206 B1 (MATSUMORI) 30 January 2001, see Abstract; column 5, line 49, through column 6, line 61; column 8, line 62, through column 9, line 12.	1, 7, 10, 15

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B. FIELDS SEARCHED

Electronic data bases consulted (Name of data base and where practicable terms used):

WEST search of US patent documents, European and Japanese patent abstracts, Derwent World Patent Index, and IBM Technical Disclosure Bulletins. DIALOG search of files 15, 9, 623, 810, 275, 624, 815, 621, 16, 160, 148, 20, 636, 475, 474, 475, 2, 35, 65, 77, 99, 233, 583, 347, 548, 349, 256, 278, 634, 635, 47, 570. Search terms: wireless, shopping list, grocery list, item, product, shelf, location.